

REMARKS

The claims are 1 to 48. Claims 1 to 30 have been cancelled without prejudice in order to advance prosecution. Newly presented claims 31 to 48 are intended to carry forward the cancelled subject matter and more clearly define what the inventors view as the invention.

Cancelled Claims 1 to 30 stand rejected. Claims 1 to 6, 12 to 17, 29 and 30 stand rejected under 35 U.S.C. § 102(b) as being anticipated by the publication “Model-Based Programming for Programmable Logical Controllers,” by Karsten Lemmer, Bernhard Ober and Echehard Schieder. Claims 7 to 11 and 18 to 28 stand rejected under U.S.C. § 103(a) as being unpatentable over the Lemmer, *et al.*, publication in view of United States Patent 6,438,534 to Sorgel. In view of the cancellation of these Claims, these rejections are submitted to be moot.

Newly written Claims 31 to 48 are intended to carry forward the subject matter of the cancelled claims while more clearly defining and more precisely claiming the subject matter which the inventors believe to be the invention. Support for these claims is found *inter alia* in the specification, but particularly at paragraphs 10 through 18, and in Figs 1 and 1A.

It is submitted that these new claims recite elements not found in the Lemmer, *et al.*, publication, and neither disclosed nor suggested in the prior art. As such, it is

submitted that the Claims, as presently written, are patentable over the art and should be examined, allowed, and passed to issue.

WHEREFORE, in consideration of the above amendments and arguments,
reexamination and allowance are respectfully requested.

Respectfully,

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